



United Heckathorn Mtg - 3-21-05

Lynn Suer to: Katherine.A.Greene, Patrick Lee, Teresita Salira
(Tess), John.S.Wakeman, jeannet, John Lyons,
khoward, Jack Word

02/22/2005 03:18 PM

Hi,

This is to confirm a date and time for a technical workgroup meeting to discuss the United Heckathorn Site: Monday March 21st, starting at 9:30 or 10 AM,

I do not know yet whether we will meet in Oakland at the Water Board or here at EPA, but will let you know as soon as I can confirm a room. Let me know if you have a preference for one location or the other.

Thanks.

Lynn Suer
Remedial Project Manager
U.S. EPA IX (SFD -7-2)
75 Hawthorne Street
San Francisco, CA 94105
415-972-3148

Fw: United Heckathorn Mtg. Invitation/Agenda 3-21-05

John Lyons to: Lynn Suer

03/08/2005 09:51 AM

----- Forwarded by John Lyons/R9/USEPA/US on 03/08/2005 09:51 AM -----

John Lyons/R9/USEPA/US

03/08/2005 09:50 AM

To khoward@cwclaw.com

cc

Subject Fw: United Heckathorn Mtg. Invitation/Agenda 3-21-05

Keith

Would you forward this to the rest of your folks? Also I need to reschedule our call for this afternoon - can we talk thursday am?

----- Forwarded by John Lyons/R9/USEPA/US on 03/08/2005 09:48 AM -----

Lynn Suer/R9/USEPA/US

03/07/2005 04:35 PM



To Katherine.A.Greene@spk01.usace.army.mil, Jackie Lane, PLee1@dtsc.ca.gov, Teresita.S.Salire@spd02.usace.army.mil, John.S.Wakeman@NWS02.usace.army.mil, John Lyons/R9/USEPA/US@EPA, Ned Black/R9/USEPA/US@EPA, Laurie Sullivan/R9/USEPA/US@EPA, jeannet@stanford.edu, Jack.Word@westonsolutions.com, Carmen White/R9/USEPA/US@EPA, steveg@bcdca.gov, daniel_welsh@fws.gov, SHill@waterboards.ca.gov, WBruhns@waterboards.ca.gov, tstevens@dfg.ca.gov, Lynn Suer/R9/USEPA/US@EPA, jkelly@montrosechemical.com, tginn@exponent.com, Kathleen Salyer/R9/USEPA/US@EPA

cc

Subject United Heckathorn Mtg. Invitation/Agenda 3-21-05

Hi,

You are invited to a meeting to discuss the United Heckathorn Superfund Site:

Date: 3-21-05

Time: 1 - 4 PM

Location: California Room (1st floor) at the EPA Building, 75 Hawthorne Street, San Francisco, CA

Meeting Goals:

- 1) update site status
- 2) present results of July 2004 field studies
- 3) identify data gaps
- 4) discuss innovative in-situ and ex-situ technologies

Attached is a meeting agenda. For those who are interested, I can also send copies of two Technical Memos that summarize the results of the July 2004 water quality and sediment density field studies. Please respond to this e-mail, telling me if you will be attending, and whether you would like Tech Memos e-mailed to you.



United Hecka Mtg Agenda 3-21-05.rtf

Please feel free to contact me prior to the meeting with questions or concerns. Looking forward to meeting with you.

Lynn Suer, Ph.D.
Remedial Project Manager
U.S. EPA Region IX
Superfund Division (SFD-7-2)
75 Hawthorne Street
San Francisco, CA 94105
ph: 415-972-3148
fax: 415-947-3528
suer.lynn@epa.gov

AGENDA
UNITED HECKATHORN SUPERFUND SITE MEETING
California Room (1st floor), 75 Hawthorne St., San Francisco, CA
1:00 – 4:00, March 21, 2005

Meeting Goals: Update Site Status, Identify Data Gaps, Share Information on Innovative Technologies, Discuss Next Steps

- | | |
|---|---|
| I. Welcome/Meeting Goals (5 mins) | Lynn Suer, Remedial Project Manager |
| II. Introductions (10 mins) | All |
| III. Site History (10 mins) | Lynn Suer |
| IV. Recent Phase III Investigations (45 mins) | John Wakeman, Army Corps of Engineers |
| A. Fluid Mud Investigation | |
| B. 2004 Water Quality Survey | |
| V. Innovative Technologies | |
| A. Activated Carbon Amendment
of Lauritzen Canal Sediments (40 mins) | Jeanne Tomaszewski, Richard Luthy,
Stanford University |
| Break (10 mins) | |
| B. Strategies for Ex-situ bioremediation
and disposal of sediments (40 mins) | Jack Word, Weston Solutions |
| VI. Discussion - Next Steps (20 mins). | All |

Distribution List:

Lynn Suer, EPA	Dan Welsh, USFWS
Kathleen Salyer, EPA	Joseph Kelly, Montrose
John Lyons, EPA	Thomas Ginn, Exponent
Ned Black, EPA	Gary Levin, Levin Richmond Terminal Co
Jackie Lane, EPA	Mike McCoy, Levin Richmond Terminal
Brian Ross, EPA	Keith Howard, Cooper, White & Cooper
John Wakeman, USACE	Niki Pasvantis, Shell Oil Co
Kathy Greene, USACE	Tom Kearns, Shell Oil Co
Teresita Salire, USACE	Karl Lytz, Latham & Watkins
Steve Goldbeck, BCDC	Jeanne Tomaszewski, Stanford Univ.
Laurie Sullivan, NOAA	Richard Luthy, Stanford Univ.
Stephen Hill, RWQCB	Jack Word, Weston Solutions
Tim Stevens, CDFG	
Patrick Lee, DTSC	




Rm. change for UH mtg.

Lynn Suer to: Katherine.A.Greene, Jackie Lane, PLee1,
Teresita.S.Salire, John.S.Wakeman, John Lyons,
Ned Black, Laurie Sullivan, jeannet, Jack.Word,

03/18/2005 12:48 PM

Hi,

The meeting room for the Monday, March 21st (1 - 4 PM) United Heckathorn meeting has been changed to the Palau/Marianas room. This double room is in the back of the first floor complex of rooms here at the EPA building. The receptionist will provide directions after you check in. See you then.

Lynn Suer, Remedial Project Manager
U.S. EPA Region IX
Superfund Division (SFD-7-2)
75 Hawthorne Street
San Francisco, CA 94105
ph: 415-972-3148
fax: 415-947-3528
suer.lynn@epa.gov 

Fw: United Heckathorn presentation

John Lyons to: Lynn Suer

11/08/2005 10:58 AM

History: This message has been forwarded.

Lynn

Can you check with Bob - so I can confirm with Keith. Thx

----- Forwarded by John Lyons/R9/USEPA/US on 11/08/2005 10:58 AM -----



Keith Howard
<KHoward@cwclaw.com>

To John Lyons/R9/USEPA/US@EPA

11/08/2005 10:55 AM

cc

Subject RE: United Heckathorn presentation

The 21st is best, but the 17th will probably work if the 21st does not.

-----Original Message-----

From: Lyons.John@epamail.epa.gov [mailto:Lyons.John@epamail.epa.gov]

Sent: Monday, November 07, 2005 9:35 AM

To: Keith Howard

Subject: Fw: United Heckathorn presentation

Keith

See below for three proposed meeting dates - let me know if your folks can make any one of these, thx,

----- Forwarded by John Lyons/R9/USEPA/US on 11/07/2005 09:33 AM -----

Lynn
Suer/R9/USEPA/US

11/07/2005 09:18
AM

To John Lyons/R9/USEPA/US@EPA

cc Bob Fitzgerald/R9/USEPA/US@EPA

Subject Fw: United Heckathorn presentation

Hi John,

Here are Bob's available times. I am available for all of them.

Lynn

----- Forwarded by Lynn Suer/R9/USEPA/US on 11/07/2005 09:17 AM -----

Bob
Fitzgerald/R9/US
EPA/US

11/07/2005 09:06
AM

Lynn Suer/R9/USEPA/US@EPA

To

cc

Subject

Re: United Heckathorn
presentation(Document link: Lynn
Suer)

Thank you, Lynn.

I would indeed like to attend.

How about:

Tues., 11/15 10 - 12
Thurs., 11/17 10 - 12
Mon., 11/21 10 - 12

Bob
2-3173

Lynn
Suer/R9/USEPA/US

11/04/2005 09:39
AM

Bob Fitzgerald/R9/USEPA/US@EPA

To

cc

Subject

United Heckathorn presentation

Hi Bob,

One of the PRPs for UH (Richmond Levin Terminal) hired a contractor to do feasibility studies using mushrooms and other exotic methods for treating DDT contaminated sediments. John and I heard their presentation twice before they started their study, and said it sounded promising. Now they want to present the results. It would be great if

you could come, as it would introduce you to the site, and it will be here in our office at our convenience.

Do you want to attend? If so, what is your availability between now and December 15 for about a two hour meeting.

Thanks,

Lynn

Fw: United Heckathorn presentation
John Lyons to: Lynn Suer, Bob Fitzgerald

11/10/2005 04:26 PM

----- Forwarded by John Lyons/R9/USEPA/US on 11/10/2005 04:26 PM -----



Keith Howard
<KHoward@cwclaw.com>
11/10/2005 04:14 PM

To John Lyons/R9/USEPA/US@EPA
cc
Subject RE: United Heckathorn presentation

Thanks, we will be there.

-----Original Message-----

From: Lyons.John@epamail.epa.gov [<mailto:Lyons.John@epamail.epa.gov>]
Sent: Thursday, November 10, 2005 10:30 AM
To: Keith Howard
Subject: RE: United Heckathorn presentation

Keith

Our folks are available 10am-12 on the 21st for a meeting here in EPA's
Offices



Site Inspection of the Terminal, April 18th, 2006

Carolyn.Ziegler to: garyl

Cc: Lynn Suer, Sylvia.Chan

04/05/2006 11:08 AM

Dear Mr. Levin:

Thank you very much for returning my call regarding scheduling a site inspection. My name is Caroline Ziegler. I am with CH2M HILL, a contractor working for EPA on preparing a five-year review report for the United Heckathorn Superfund Site. As part of the review, we need to conduct an inspection of the site. As I indicated in my voice mail to you, we have scheduled a boat tour for the morning of April 18th and would then like to follow by looking at the area known as the uplands which is where Levin Terminal is located. We anticipate being ready to come to your facility sometime between 12:30 and 2:30 pm on April 18th. As of right now, the visitors will include me; the EPA project manager, Lynn Suer; an EPA student intern (tentative), and a CH2M HILL project engineer, Sylvia Chan. As part of the review, we will be filling out a checklist, some of which may not apply. We might also, with your permission, need to take a few photographs. My understanding is that it would be advisable for us to have personnel protective gear including steel toe boots and a hard hat, at a minimum. If there are any other safety requirements beyond that, please let us know. My contact information is listed below, if you should have any questions. See you on the 18th.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com



inspection checklist.doc

Five-Year Review Site Inspection Checklist Superfund Site

I. SITE INFORMATION													
Site name:	Date of inspection:												
Location and Region:	EPA ID:												
Agency, office, or company leading the five-year review: EPA Region IX	Weather/temperature:												
Remedy Includes: (Check all that apply) <input type="checkbox"/> Landfill cover/containment <input type="checkbox"/> Access controls <input type="checkbox"/> Institutional controls <input type="checkbox"/> Groundwater pump and treatment <input type="checkbox"/> Surface water collection and treatment <input type="checkbox"/> Other (explain)													
Attachments: Inspection team roster attached Site map attached [in report]													
II. INTERVIEWS (Check all that apply)													
1. O&M site manager <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;">Name</td> <td style="width: 33%; text-align: center;">Title</td> <td style="width: 33%; text-align: center;">Date</td> </tr> <tr> <td colspan="3" style="border: none;">Interviewed</td> </tr> <tr> <td colspan="3" style="border: none;">Problems, suggestions;</td> </tr> <tr> <td colspan="3" style="border: none; text-align: center;"> NOTE: All referenced attachments can be found in Five-Year Review Report. </td> </tr> </table>		Name	Title	Date	Interviewed			Problems, suggestions;			NOTE: All referenced attachments can be found in Five-Year Review Report.		
Name	Title	Date											
Interviewed													
Problems, suggestions;													
NOTE: All referenced attachments can be found in Five-Year Review Report.													
2. O&M staff <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center;">Name</td> <td style="width: 33%; text-align: center;">Title</td> <td style="width: 33%; text-align: center;">Date</td> </tr> <tr> <td colspan="3" style="border: none;">Interviewed</td> </tr> <tr> <td colspan="3" style="border: none;">Problems, suggestions</td> </tr> <tr> <td colspan="3" style="border: none; text-align: center;">Phone No. .</td> </tr> </table>		Name	Title	Date	Interviewed			Problems, suggestions			Phone No. .		
Name	Title	Date											
Interviewed													
Problems, suggestions													
Phone No. .													

3.	Local regulatory authorities and responsible agencies (i.e., State and Tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds, or other city and county offices, etc.) Fill in all that apply.
Agency	
Contact	
	<div style="display: flex; justify-content: space-between;"> Name Title Date Phone No. </div>
Problems; suggestions	
 Agency	
Contact	
	<div style="display: flex; justify-content: space-between;"> Name Title Date Phone No. </div>
Problems; suggestions	
4.	Other interviews (optional)

III. ONSITE DOCUMENTS AND RECORDS VERIFIED (Check all that apply)				
1.	O&M Documents			
	O&M manual	Readily available	Up to date	
	As-built drawings	Readily available	Up to date	
	Maintenance logs	Readily available	Up to date	
	Remarks			
2.	Site-Specific Health and Safety Plan	Readily available	Up to date	
	Contingency plan/emergency response plan	Readily available	Up to date	
	Remarks _____			
3.	O&M and OSHA Training Records	Readily available	Up to date	N/A
	Remarks			
4.	Permits and Service Agreements			
	Air discharge permit	Readily available	Up to date	N/A
	Effluent discharge	Readily available	Up to date	N/A
	Waste disposal, POTW	Readily available	Up to date	N/A
	Other permits _____	Readily available	Up to date	N/A
	Remarks			

3.	Unanticipated or Unusually High O&M Costs During Review Period Describe costs and reasons:
----	--

V. ACCESS AND INSTITUTIONAL CONTROLS					Applicable						
A. Fencing											
1.	Fencing Remarks	Location shown on site map	Gates secured	N/A							
B. Other Access Restrictions											
1.	Signs and other security measures Remarks	Location shown on site map	N/A								
C. Institutional Controls											
1.	Implementation and enforcement Site conditions imply ICs not properly implemented Yes No N/A Site conditions imply ICs not being fully enforced Yes No N/A Type of monitoring (e.g., self-reporting, drive by) Frequency Responsible party/agency _____ Contact <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Name</td> <td style="width: 20%;">Title</td> <td style="width: 20%;">Date</td> <td style="width: 30%;">Phone No.</td> </tr> </table> Reporting is up-to-date Yes No N/A Reports are verified by the lead agency Yes No N/A Specific requirements in deed or decision documents have been met Yes No N/A Violations have been reported Yes No N/A Other problems or suggestions: Report attached							Name	Title	Date	Phone No.
Name	Title	Date	Phone No.								
2.	Adequacy Remarks	ICs are adequate	ICs are inadequate	N/A							
D. General											
1.	Vandalism/trespassing Remarks	Location shown on site map	No vandalism evident								

2.	Land use changes onsite	N/A		
Remarks _____				
3.	Land use changes offsite	N/A		
Remarks _____				
VI. GENERAL SITE CONDITIONS				
A. Roads		Applicable		
1.	Roads	Location shown on site map	Roads adequate	N/A
Remarks _____				
B. Other Site Conditions				
Remarks				
VII. LANDFILL COVERS Not Applicable				
A. Landfill Surface				
1.	Settlement (Low spots)	Location shown on site map	Settlement not evident	
Areal extent _____		Depth		
Remarks				
2.	Cracks	Location shown on site map	Cracking not evident	
Lengths _____		Widths _____	Depth	
Remarks				
3.	Erosion	Location shown on site map	Erosion not evident	
Areal extent _____		Depth		
Remarks				
4.	Holes	Location shown on site map	Holes not evident	
Areal extent _____		Depth		
Remarks				

5.	Vegetative Cover	Grass	Cover properly established	No signs of stress
	Trees/Shrubs (indicate size and locations on a diagram)			
	Remarks _____			
6.	Alternative Cover	(armored rock, concrete, etc.)	N/A	
	Remarks			
7.	Bulges		Location shown on site map	Bulges not evident
	Areal extent _____		Height	
	Remarks			
8.	Wet Area/Water Damage		Wet areas/water damage not evident	
	Wet areas		Location shown on site map	Areal extent
	Ponding		Location shown on site map	Areal extent
	Seeps	Location shown on site map		Areal extent
	Soft subgrade	Location shown on site map		Areal extent
	Remarks			
9.	Slope Instability	Slides	Location shown on site map	No evidence of slope instability
	Areal extent			
	Remarks			
B. Benches	Applicable	N/A		
	(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)			
1.	Flows Bypass Bench		Location shown on site map	N/A or okay
	Remarks			
2.	Bench Breached		Location shown on site map	N/A or okay
	Remarks			
3.	Bench Overtopped		Location shown on site map	N/A or okay
	Remarks			
C. Letdown Channels	Applicable	N/A		
	(Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)			

1.	Settlement Areal extent _____ Remarks _____	Location shown on site map Depth _____	No evidence of settlement	
2.	Material Degradation Material type _____ Remarks _____	Location shown on site map Areal extent _____	No evidence of degradation	
3.	Erosion Areal extent _____ Remarks _____	Location shown on site map Depth _____	No evidence of erosion	
4.	Undercutting Areal extent _____ Remarks _____	Location shown on site map Depth _____	No evidence of undercutting	
5.	Obstruction Location shown on site map Size _____ Remarks _____	Type _____ Areal extent _____	No obstruction	
6.	Excessive Vegetative Growth No evidence of excessive growth Vegetation in channels does not obstruct flow Location shown on site map Remarks _____	Type _____ Areal extent _____		
D. Cover Penetrations				
		Applicable	N/A	
1.	Gas Vents Properly secured/located Evidence of leakage at penetration Remarks _____	Active Functioning	Passive Routinely sampled	Good condition
2.	Gas Monitoring Probes Properly secured/located Evidence of leakage at penetration Remarks _____	Functioning	Routinely sampled	Good condition

3.	Monitoring Wells (within surface area of landfill) Properly secured/located Functioning Routinely sampled Good condition Evidence of leakage at penetration Remarks
4.	Leachate Extraction Wells Properly secured/located Functioning Routinely sampled Good condition Evidence of leakage at penetration Needs O&M N/A Remarks
5.	Settlement Monuments Located Routinely surveyed N/A Remarks
E. Gas Collection and Treatment Applicable N/A	
1.	Gas Treatment Facilities Flaring Thermal destruction Collection for reuse Good condition Needs O&M Remarks
2.	Gas Collection Wells, Manifolds and Piping Good condition Needs O&M Remarks
3.	Gas Treatment Facilities (e.g., gas monitoring of adjacent homes or buildings) Good condition Needs O&M N/A Remarks
F. Cover Drainage Layer Applicable N/A	
1.	Outlet Pipes Inspected Functioning N/A Remarks
2.	Outlet Rock Inspected Functioning N/A Remarks
G. Detention/Sedimentation Ponds Applicable N/A	
1.	Siltation Areal extent _____ Depth _____ N/A Siltation not evident Remarks

2.	Erosion Areal extent_____ Depth Erosion not evident Remarks		
3.	Outlet Works Remarks	Functioning	N/A
4.	Dam Remarks	Functioning	N/A
H. Retaining Walls Applicable N/A			
1.	Deformations Location shown on site map Deformation not evident Horizontal displacement_____ Vertical displacement Rotational displacement_____ Remarks		
2.	Degradation Location shown on site map Degradation not evident Remarks		
I. Perimeter Ditches/Off-Site Discharge Applicable N/A			
1.	Siltation Location shown on site map Siltation not evident Areal extent_____ Depth Remarks		
2.	Vegetative Growth Location shown on site map N/A Vegetation does not impede flow Areal extent_____ Type Remarks		
3.	Erosion Location shown on site map Erosion not evident Areal extent_____ Depth Remarks		
4.	Discharge Structure Functioning N/A Remarks		

VIII. VERTICAL BARRIER WALLS		Not Applicable	
1.	Settlement Location shown on site map Areal extent _____ Depth Remarks	Settlement not evident	
2.	Performance Monitoring Performance not monitored Frequency _____ Head differential Remarks	Type of monitoring Evidence of breaching	
IX. GROUNDWATER/SURFACE WATER REMEDIES		Applicable	
A. Groundwater Extraction Wells, Pumps, and Pipelines Applicable			
1.	Pumps, Wellhead Plumbing, and Electrical Good condition All required wells located Remarks	Needs O&M	N/A
2.	Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances Good condition Needs O&M Remarks		
3.	Spare Parts and Equipment Readily available Good condition Requires upgrade Needs to be provided Remarks		
B. Surface Water Collection Structures, Pumps, and Pipelines Applicable			
1.	Collection Structures, Pumps, and Electrical Good condition Needs O&M Remarks		
2.	Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances Good condition Needs O&M Remarks		
3.	Spare Parts and Equipment Readily available Good condition Requires upgrade Needs to be provided Remarks		
C. Treatment System Applicable			

1.	Treatment Train (Check components that apply) Metals removal Oil/water separation Bioremediation Air stripping Carbon adsorbers Filters Additive (e.g., chelation agent, flocculent) Good condition Needs O&M Sampling ports properly marked and functional Sampling/maintenance log displayed and up to date Equipment properly identified Quantity of groundwater treated annually Quantity of surface water treated annually Remarks
2.	Electrical Enclosures and Panels (properly rated and functional) N/A Good condition Needs O&M Remarks
3.	Tanks, Vaults, Storage Vessels N/A Remarks
4.	Discharge Structure and Appurtenances Good condition Needs O&M Remarks
5.	Treatment Building(s) – support building N/A Good condition (especially roof and doorways) Needs repair Chemicals and equipment properly stored Remarks
6.	Monitoring Wells (pump and treatment remedy) Properly secured/locked Functioning Routinely sampled Good condition All required wells located Needs O&M N/A Remarks

D. Monitored Natural Attenuation				
1.	Monitoring Wells (natural attenuation remedy) Properly secured/locked Functioning Routinely sampled Good condition All required wells located Needs O&M Remarks			

X. OTHER REMEDIES	
<p>If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.</p>	
XI. OVERALL OBSERVATIONS	
A.	Implementation of the Remedy
<p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).</p>	
B.	Adequacy of O&M
<p>Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p>	
C.	Early Indicators of Potential Remedy Failure
<p>Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs, that suggest that the protectiveness of the remedy may be compromised in the future.</p>	

D. Opportunities for Optimization
Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.



RE: Site Inspection of the Terminal, April 18th, 2006

Gary Levin to: Carolin.Ziegler

04/06/2006 02:29 PM

Cc: Lynn Suer, Sylvia.Chan, "Bill Buffalow", "John Cockle", "Jerrold Wood"

Caroline,

That you for the message. Your contacts at our marine terminal are Bill Buffalow, director of operations, and John Cockle, superintendent. Bills e-mail is buff@levinterminal.com. John's e-mail is

Johnck@levinterminal.com.

All visitors must have photo identification and check in with our marine security office. If you are entering the facility from the water or boat you must contact our security officer to arrange an escort to the security office to obtain a visitor's badge. Otherwise, you can check in at the public entrance of the facility and get your visitor's badge before you come ashore.

You can contact John Cockle to make arrangements.

Gary Levin

From: Carolin.Ziegler@CH2M.com [<mailto:Carolin.Ziegler@CH2M.com>]

Sent: Wednesday, April 05, 2006 11:07 AM

To: garyl@levinterminal.com

Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com

Subject: Site Inspection of the Terminal, April 18th, 2006

Dear Mr. Levin:

Thank you very much for returning my call regarding scheduling a site inspection. My name is Caroline Ziegler. I am with CH2M HILL, a contractor working for EPA on preparing a five-year review report for the United Heckathorn Superfund Site. As part of the review, we need to conduct an inspection of the site. As I indicated in my voice mail to you, we have scheduled a boat tour for the morning of April 18th and would then like to follow by looking at the area known as the uplands which is where Levin Terminal is located. We anticipate being ready to come to your facility sometime between 12:30 and 2:30 pm on April 18th. As of right now, the visitors will include me; the EPA project manager, Lynn Suer; an EPA student intern (tentative), and a CH2M HILL project engineer, Sylvia Chan. As part of the review, we will be filling out a checklist, some of which may not apply. We might also, with your permission, need to take a few photographs. My understanding is that it would be advisable for us to have personnel protective gear including steel toe boots and a hard hat, at a minimum. If there are any other safety requirements beyond that, please let us know. My contact information is listed below, if you should have any questions. See you on the 18th.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
ctiegle@ch2m.com



RE: Site Inspection of the Terminal, April 18th, 2006

Carolyn.Ziegler to: garyl

Cc: Lynn Suer, Sylvia.Chan, buff, johnck, jerroldw

04/07/2006 11:07 AM

Thanks Gary: We will bring appropriate identification. I don't think we would be entering from the water side, so we will check in at the public entrance as you indicated. We were wondering if it would be possible to obtain a copy of the June 2005 Operation and Maintenance inspection report from you while we are conducting our site visit. Mr. Cockle, we plan to arrive sometime between 12:30 and 2:30 on Tuesday, April 18. Do you require more information than that? If so, please let me know. Thank you.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
ctiegle@ch2m.com

From: Gary Levin [<mailto:garyl@levinterminal.com>]
Sent: Thursday, April 06, 2006 2:34 PM
To: Ziegler, Caroline/BAO
Cc: Suer.Lynn@epamail.epa.gov; Chan, Sylvia/BAO; 'Bill Buffalow'; 'John Cockle'; 'Jerrold Wood'
Subject: RE: Site Inspection of the Terminal, April 18th, 2006

Caroline,

Thank you for the message. Your contacts at our marine terminal are Bill Buffalow, director of operations, and John Cockle, superintendent. Bill's e-mail is buff@levinterminal.com. John's e-mail is Johnck@levinterminal.com.

All visitors must have photo identification and check in with our marine security office. If you are entering the facility from the water or boat you must contact our security officer to arrange an escort to the security office to obtain a visitor's badge. Otherwise, you can check in at the public entrance of the facility and get your visitor's badge before you come ashore.

You can contact John Cockle to make arrangements.

Gary Levin

From: Carolyn.Ziegler@CH2M.com [<mailto:Carolyn.Ziegler@CH2M.com>]
Sent: Wednesday, April 05, 2006 11:07 AM
To: garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com
Subject: Site Inspection of the Terminal, April 18th, 2006

Dear Mr. Levin:

Thank you very much for returning my call regarding scheduling a site inspection. My name is Caroline Ziegler. I am with CH2M HILL, a contractor working for EPA on preparing a five-year review report for the United Heckathorn Superfund Site. As part of the review, we need to conduct an inspection of the site. As I indicated in my voice mail to you, we have scheduled a boat tour for the morning of April 18th and would then like to follow by looking at the area known as the uplands which is where Levin Terminal is located.

We anticipate being ready to come to your facility sometime between 12:30 and 2:30 pm on April 18th. As of right now, the visitors will include me; the EPA project manager, Lynn Suer; an EPA student intern (tentative), and a CH2M HILL project engineer, Sylvia Chan. As part of the review, we will be filling out a checklist, some of which may not apply. We might also, with your permission, need to take a few photographs. My understanding is that it would be advisable for us to have personnel protective gear including steel toe boots and a hard hat, at a minimum. If there are any other safety requirements beyond that, please let us know. My contact information is listed below, if you should have any questions. See you on the 18th.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com



RE: Site Inspection of the Terminal, April 18th, 2006

John Cockle to: Carolin.Ziegler, garyl

Cc: Lynn Suer, Sylvia.Chan, buff, jerroldw

04/07/2006 11:32 AM

Caroline,

Your window of 1230-1430 on the 18th is fine. Just let Security know you are here to see me and I will come out to meet you.

Regards,

John L Cockle
Levin-Richmond Terminal
510-307-4075

From: Carolin.Ziegler@CH2M.com [<mailto:Carolin.Ziegler@CH2M.com>]
Sent: Friday, April 07, 2006 11:07 AM
To: garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com; buff@levinterminal.com; johnck@levinterminal.com; jerroldw@levinterminal.com
Subject: RE: Site Inspection of the Terminal, April 18th, 2006

Thanks Gary: We will bring appropriate identification. I don't think we would be entering from the water side, so we will check in at the public entrance as you indicated. We were wondering if it would be possible to obtain a copy of the June 2005 Operation and Maintenance inspection report from you while we are conducting our site visit. Mr. Cockle, we plan to arrive sometime between 12:30 and 2:30 on Tuesday, April 18. Do you require more information than that? If so, please let me know. Thank you.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com

From: Gary Levin [<mailto:garyl@levinterminal.com>]
Sent: Thursday, April 06, 2006 2:34 PM
To: Ziegler, Caroline/BAO
Cc: Suer.Lynn@epamail.epa.gov; Chan, Sylvia/BAO; 'Bill Buffalow'; 'John Cockle'; 'Jerrold Wood'
Subject: RE: Site Inspection of the Terminal, April 18th, 2006
Caroline,

Thank you for the message. Your contacts at our marine terminal are Bill Buffalow, director of operations, and John Cockle, superintendent. Bill's e-mail is buff@levinterminal.com. John's e-mail is Johnck@levinterminal.com.

All visitors must have photo identification and check in with our marine security office. If you are entering the facility from the water or boat you must contact our security officer to arrange an escort to the security office to obtain a visitor's badge. Otherwise, you can check in at the public entrance of the facility and get your visitor's badge before you come ashore.

You can contact John Cockle to make arrangements.

Gary Levin

From: Carolin.Ziegler@CH2M.com [mailto:Carolin.Ziegler@CH2M.com]
Sent: Wednesday, April 05, 2006 11:07 AM
To: garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com
Subject: Site Inspection of the Terminal, April 18th, 2006

Dear Mr. Levin:

Thank you very much for returning my call regarding scheduling a site inspection. My name is Caroline Ziegler. I am with CH2M HILL, a contractor working for EPA on preparing a five-year review report for the United Heckathorn Superfund Site. As part of the review, we need to conduct an inspection of the site. As I indicated in my voice mail to you, we have scheduled a boat tour for the morning of April 18th and would then like to follow by looking at the area known as the uplands which is where Levin Terminal is located. We anticipate being ready to come to your facility sometime between 12:30 and 2:30 pm on April 18th. As of right now, the visitors will include me; the EPA project manager, Lynn Suer; an EPA student intern (tentative), and a CH2M HILL project engineer, Sylvia Chan. As part of the review, we will be filling out a checklist, some of which may not apply. We might also, with your permission, need to take a few photographs. My understanding is that it would be advisable for us to have personnel protective gear including steel toe boots and a hard hat, at a minimum. If there are any other safety requirements beyond that, please let us know. My contact information is listed below, if you should have any questions. See you on the 18th.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com



RE: Site Inspection of the Terminal, April 18th, 2006

Carolyn.Ziegler to: johnck, garyl
Cc: Lynn Suer, Sylvia.Chan, buff, jerroldw

04/07/2006 11:50 AM

Great! Thank you so much for your flexibility.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com

From: John Cockle [<mailto:johnck@levinterminal.com>]
Sent: Friday, April 07, 2006 11:37 AM
To: Ziegler, Caroline/BAO; garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Chan, Sylvia/BAO; buff@levinterminal.com; jerroldw@levinterminal.com
Subject: RE: Site Inspection of the Terminal, April 18th, 2006

Caroline,

Your window of 1230-1430 on the 18th is fine. Just let Security know you are here to see me and I will come out to meet you.

Regards,

John L Cockle
Levin-Richmond Terminal
510-307-4075

From: Carolyn.Ziegler@CH2M.com [<mailto:Carolyn.Ziegler@CH2M.com>]
Sent: Friday, April 07, 2006 11:07 AM
To: garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com; buff@levinterminal.com; johnck@levinterminal.com; jerroldw@levinterminal.com
Subject: RE: Site Inspection of the Terminal, April 18th, 2006

Thanks Gary: We will bring appropriate identification. I don't think we would be entering from the water side, so we will check in at the public entrance as you indicated. We were wondering if it would be possible to obtain a copy of the June 2005 Operation and Maintenance inspection report from you while we are conducting our site visit. Mr. Cockle, we plan to arrive sometime between 12:30 and 2:30 on Tuesday, April 18. Do you require more information than that? If so, please let me know. Thank you.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com

From: Gary Levin [<mailto:garyl@levinterminal.com>]
Sent: Thursday, April 06, 2006 2:34 PM
To: Ziegler, Caroline/BAO
Cc: Suer.Lynn@epamail.epa.gov; Chan, Sylvia/BAO; 'Bill Buffalow'; 'John Cockle'; 'Jerrold Wood'
Subject: RE: Site Inspection of the Terminal, April 18th, 2006
Caroline,

Thank you for the message. Your contacts at our marine terminal are Bill Buffalow, director of operations, and John Cockle, superintendent. Bill's e-mail is buff@levinterminal.com. John's e-mail is Johnck@levinterminal.com.

All visitors must have photo identification and check in with our marine security office. If you are entering the facility from the water or boat you must contact our security officer to arrange an escort to the security office to obtain a visitor's badge. Otherwise, you can check in at the public entrance of the facility and get your visitor's badge before you come ashore.

You can contact John Cockle to make arrangements.

Gary Levin

From: Carolin.Ziegler@CH2M.com [<mailto:Carolin.Ziegler@CH2M.com>]
Sent: Wednesday, April 05, 2006 11:07 AM
To: garyl@levinterminal.com
Cc: Suer.Lynn@epamail.epa.gov; Sylvia.Chan@CH2M.com
Subject: Site Inspection of the Terminal, April 18th, 2006

Dear Mr. Levin:

Thank you very much for returning my call regarding scheduling a site inspection. My name is Caroline Ziegler. I am with CH2M HILL, a contractor working for EPA on preparing a five-year review report for the United Heckathorn Superfund Site. As part of the review, we need to conduct an inspection of the site. As I indicated in my voice mail to you, we have scheduled a boat tour for the morning of April 18th and would then like to follow by looking at the area known as the uplands which is where Levin Terminal is located. We anticipate being ready to come to your facility sometime between 12:30 and 2:30 pm on April 18th. As of right now, the visitors will include me; the EPA project manager, Lynn Suer; an EPA student intern (tentative), and a CH2M HILL project engineer, Sylvia Chan. As part of the review, we will be filling out a checklist, some of which may not apply. We might also, with your permission, need to take a few photographs. My understanding is that it would be advisable for us to have personnel protective gear including steel toe boots and a hard hat, at a minimum. If there are any other safety requirements beyond that, please let us know. My contact information is listed below, if you should have any questions. See you on the 18th.

Caroline Ziegler, P. G.
Senior Project Manager
CH2M HILL, Oakland, CA
510-587-7704 (office)
510-622-9204 (fax)
925-984-6282 (cell)
cziegler@ch2m.com



FW: Storm Drain Utilities upstream of City of Richmond Outfall-North end of Lauritzen Channel

Julia.Spahn to: Lynn Suer

10/27/2006 01:09 PM

Dear Lynn:

I spoke with Jim Canon at LRTC this morning regarding the manhole shows on the City of Richmond's map on the LRTC site. Jim believes this manhole was removed or sealed (along, I believe the two catch basins shown on the figure) in 1997 as part of the on-site work.

If that is the case, I will have someone do a windshield tour of the manhole locations to confirm manhole locations and assess access issues prior to mobilizing (for example, the manhole in front of our CH office is visible but partially asphalted - Hopefully NOT the case in Richmond!)

Please note that All of the manholes (outside of the LRTC shown) of interest to us are within active streets or along railroad lines and will require set up for traffic control. I will check with LRTC to see if the manholes along the railroad along their private line. If not, I would just assume stay away from these locations if at all possible. As we will be having to set up traffic controls at each sampling point (typically involves about 30-40 minutes lead time for setup at each location and equivalent amount of time for breakdown), I am very interested to talk with the City about their scour maintenance/line flushing program to make sure our sampling effort nets sediment for analyses. Also, if we do not find sufficient sediment, do we want to consider installing a sediment collection of some kind? and retrieve during our Data Gaps mobilization effort in February?

If the LRTC manhole is still present, Jim will have maintenance at LRTC check for visual evidence of sediment and get back with me about the observations. If so, we could sample that manhole without traffic control. I will get back with you when I have more information.

Thanks for your call this AM. Our Chemist, Victoria Taylor is pulling the QAPP and FSP documents together - please let me know the results of your inquiries into Fish protocols to be added to our document.

Regards,

Julie

-----Original Message-----

From: Spahn, Julia/BAO

Sent: Friday, October 27, 2006 12:24 PM

To: 'JimC@levinterminal.com'

Subject: Storm Drain Utilities upstream of City of Richmond Outfall-North end of Lauritzen Channel

Dear Jim:

I appreciate speaking with you this morning. Please find attached a pdf aerial photos that shows a manhole approximately 40 feet north of the City of Richmond Outfall structure at the north end of the Lauritzen Channel.

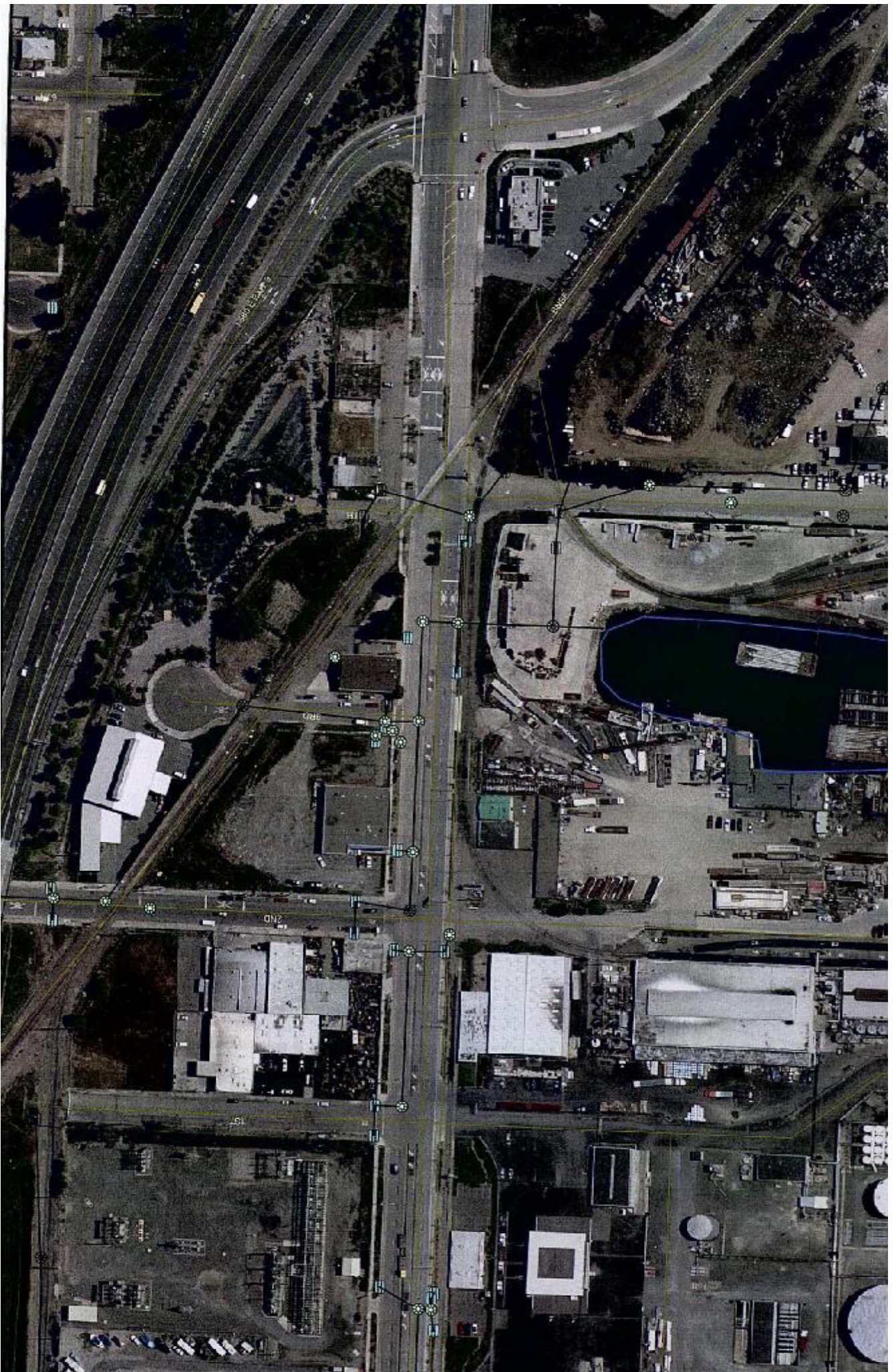
I would appreciate if you would confirm whether or not this access point currently exists (my notes from our site walk in April did not observe a manhole in this location). Also, the plan shows two catch basins on LRTC property to the east of the manhole- were these removed as part of the onsite cover and storm water collection system in 1997 or do they remain and if so, how is storm water from the LRTC system prevented from entering them? I would appreciate if you would confirm the locations of any city storm drain structures and access points on the LRTC property.

Regards,

Julie Spahn



Document.pdf





FW: AVAILABLE STORMWATER MANHOLE
Julia.Spahn to: Lynn Suer

10/27/2006 02:38 PM

Dear Lynn:

Here is the response from Jim Canon. LRTC will get back with us next week regarding sampling this manhole location.

Regards,

Julie Spahn

From: Jim Cannon [mailto:jimc@levinterminal.com]
Sent: Friday, October 27, 2006 2:04 PM
To: Spahn, Julia/BAO
Subject: AVAILABLE STORMWATER MANHOLE

Hi Julie,

I went out and looked for the manhole on our property. It no longer exists – it was covered-up when the soil was moved to that location and capped. The manhole shown at the edge of the road is not there. However, there is a manhole located between our tracks and the fence. It is now covered with a few inches of railroad ballast. We have ship operations going this week and can not uncover and look to see if there is any sludge at the bottom of the hole. About the middle of next week is the soonest that I can have anyone look. Is that all right with you? Please let me know.



Jim NORTH YARD STORMWATER MANHOLE.pdf



NO LONGER EXIST

NO LONGER EXISTS

THIS IS LOCATION



FW: AVAILABLE STORMWATER MANHOLE

Julia.Spahn to: Lynn Suer
Cc: diane.sarmiento

12/11/2006 09:35 AM

Dear Lynn:

LRTC inspected a storm drain manhole directly upstream of the UH site for observable sediment in the line. Please see their response below. We can talk about this observation and its implications to storm drain sediment sampling tomorrow.

Regards,

Julie Spahn

-----Original Message-----

From: John Cockle [<mailto:johnck@levinterminal.com>]
Sent: Monday, December 11, 2006 9:21 AM
To: Spahn, Julia/BAO
Cc: Jim Cannon; 'Tony Lester (E-mail)'
Subject: FW: AVAILABLE STORMWATER MANHOLE

Julia,

Jim Cannon asked me to check this manhole for you. We had a crew open the manhole last Saturday. They saw water flowing but no detectable buildup of silt in the line.

Hope this helps. If you have any further questions, please contact Tony Lester, our Supervisor in charge of Stormwater Monitoring. His email address is included above.

Regards,

John L Cockle
Levin-Richmond Terminal
510-307-4075

-----Original Message-----

From: Jim Cannon [<mailto:jimc@levinterminal.com>]
Sent: Wednesday, November 08, 2006 9:25 AM
To: 'John Cockle'
Subject: RE: AVAILABLE STORMWATER MANHOLE

They need to know if there is any silt at the bottom of the manhole so that they can place a silt trap down there if there is anything to catch.
Jim

-----Original Message-----

From: John Cockle [<mailto:johnck@levinterminal.com>]
Sent: Tuesday, November 07, 2006 8:52 PM
To: Jim Cannon
Subject: Re: AVAILABLE STORMWATER MANHOLE

No. I thought you had said that we would open it up so that THEY could look inside. What do we check for? Just water flow?

Maybe we can do something Wednesday.

JLC
Sent via BlackBerry from Cingular Wireless

-----Original Message-----
From: "Jim Cannon" <jimc@levinterminal.com>
Date: Tue, 7 Nov 2006 16:18:19
To: "John Cockle" <johnck@levinterminal.com>
Subject: FW: AVAILABLE STORMWATER MANHOLE

John,

Did you have a chance to uncover and look into the manhole at the north end of the terminal.

Jim

From: Julia.Spahn@CH2M.com [mailto:Julia.Spahn@CH2M.com]
Sent: Tuesday, November 07, 2006 3:29 PM
To: jimc@levinterminal.com
Subject: RE: AVAILABLE STORMWATER MANHOLE

Jim:

Did you have a chance to check the manhole? If so, please let me know what you found.

thanks,

Julie Spahn

From: Jim Cannon [mailto:jimc@levinterminal.com]
Sent: Friday, October 27, 2006 2:04 PM
To: Spahn, Julia/BAO
Subject: AVAILABLE STORMWATER MANHOLE

Hi Julie,

I went out and looked for the manhole on our property. It no longer exists - it was covered-up when the soil was moved to that location and capped.

The manhole shown at the edge of the road is not there. However, there is a

manhole located between our tracks and the fence. It is now covered with a few inches of railroad ballast. We have ship operations going this week and can not uncover and look to see if there is any sludge at the bottom of the hole. About the middle of next week is the soonest that I can have anyone look. Is that all right with you? Please let me know.

Jim

Dredger web page with SF Bay sediment bioaccumulation triggers - updated for 2012

Al.Paniccia, Allan Ota, bota, brendag, carolynnb,
Brian Ross to: David.P.Woodbury, Debra.A.O'Leary, Derrick.T.Dunlap, 01/04/2012 10:47 AM
echristian, Gary.Stern, HuitC, korie.schaeffer,
Erika Hoffman, Jonathan Freedman, Justine Barton, peggy, cotsifas,
Cc: Scott.Bodensteiner, jqword, Josh.Gravenmier, christine, Edward.P.Keller,
Joseph.J.Dillon, kjoseph, KATHRYN.PURCELL, sanghera, kchamberlin, Luisa

Hi DMMO and friends,

The new and improved SFEI web site with bioaccumulation triggers and TMDL limits for San Francisco Bay sediment is now up and running (link below)!

This page should also be accessible from the DMMO web page soon...

As SFEI collects new RMP sediment sampling data, the TMDL limits and bioaccumulation triggers will be updated and each calendar year's new values will be posted to this same web site. The web site also explains how DMMO will use the triggers in the dredged material testing program for the Bay, and which years' values will apply to which proposed dredging projects. Other useful links are provided at the bottom of the web page.

Brian D. Ross
EPA Region 9, WTR-8
Dredging & Sediment Management Team
75 Hawthorne Street
San Francisco, CA 94105
415-972-3475
Fax 947-3537

----- Forwarded by Brian Ross/R9/USEPA/US on 01/04/2012 10:03 AM -----

From: Rachel Allen <rachel@sfei.org>
To: Elizabeth Christian <EChristian@waterboards.ca.gov>
Cc: Brian Ross/R9/USEPA/US@EPA, Naomi Feger <NFeger@waterboards.ca.gov>, Meg Sedlak <meg@sfei.org>
Date: 01/04/2012 10:01 AM
Subject: Re: Ambient Sediment Bioaccumulation Trigger levels for 2002-2010 data

Hi Beth, Brian, and Naomi,

Happy New Year!

The 2012 thresholds are posted here:
<http://www.sfei.org/content/dmmo-ambient-sediment-conditions>

Thanks for your help with the revised and revamped version.

Regards,

Rachel

--

Rachel Allen – Environmental Analyst
San Francisco Estuary Institute
4911 Central Avenue
Richmond, CA 94804 (new address as of Nov 14, 2011!)
510-746-7393
www.sfei.org